

TSCA HEALTH & SAFETY STUDY COVER SHEET

TSCA CBI STATUS: NONE

8EHQ-0102-15052

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1.0 SUBMISSION TYPE

☐ 8(d) ☒ XX 8(e) ☐ FYI ☐ 4 ☐ OTHER: Specify _____
 XX- Initial Submission - Follow-up Submission ☐ Final Report Submission
 Previous EPA Submission Number or Title if update or follow-up: _____

Docket Number, if any: #

☐ continuation sheet attached

2.1 SUMMARY/ABSTRACT ATTACHED

(may be required for 8(e): optional for §4, 8(d) & FYI)

X- YES

☐ NO

2.2 SUBMITTER TRACKING

NUMBER OR INTERNAL ID

7106 4575 1292 0337 7951

01-2-32

2.3 FOR EPA USE ONLY

3.0 CHEMICAL/TEST SUBSTANCE IDENTITY

Reported Chemical Name (specify nomenclature if other than CAS name):

CAS #: 68955-01-1 1,3-Propanediamine, N,N-dimethyl-, polymer with
 (chloromethyl)oxirane, compd. with 3-chloro-1-propene (50%
 quaternized)

Purity ____%

X- Single Ingredient

☐ Commercial/Tech Grade

☐ Mixture

Trade Name: LR-430

Common Name:

CAS Number

NAME

% WEIGHT

Contain NO CBI

Other chemical(s) present
 in tested mixture

☐ continuation sheet attached



8EHQ-02-15052

4.0 REPORT/STUDY TITLE

A Primary Eye Irritation Study in New Zealand White Rabbits, Study # 8583A

☐ continuation sheet attached

5.1 STUDY/TSCATS INDEXING TERMS

[CHECK ONE]

HEALTH EFFECTS (HE): X

ENVIRONMENTAL EFFECTS (EE):

ENVIRONMENTAL FATE (EF):

5.2 STUDY/TSCATS INDEXING TERMS (see instructions for 4 digit codes)

STUDY

SUBJECT

ROUTE OF

VEHICLE OF

TYPE: EIRR

ORGANISM (HE, EE only) RABB

EXPOSURE (HE only):

EXPOSURE (HE only):

Other:

Other:

Other:

Other:

6.0 REPORT/STUDY INFORMATION

☐ Study is GLP

Laboratory Bayer Toxicology

Report/Study Date: 11/01/01

Source of Data/Study Sponsor (if different than submitter)

Number of pages -

☐ continuation sheet attached

7.0 SUBMITTER INFORMATION

Janet M. Mostowy, Ph.D.

VP, Product Safety & Regulatory Affairs

Bayer Corporation - 100 Bayer Road, Pittsburgh, PA. 15205

Phone: 412-777-3490

Technical Contact: SAME AS ABOVE

Phone: ()

☐ continuation sheet attached

8.0 ADDITIONAL/OPTIONAL STUDY COMMENTS

This compound is a commercial product. Information will be made known to appropriate personnel and sources.

☐ continuation sheet attached



88020000038

Submitter Signature: *Janet Mostowy*

Date: 11/02/01

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MR 54096

9.0 CONTINUATION SHEET

Submitter Tracking Number/Internal ID

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Continuation of 2.1

This study indicates that LR-430 causes severe eye irritation, thus the reporting.

Summary

LR-430 was evaluated for potential primary eye irritation using six New Zealand White rabbits. Each rabbit was administered 0.1 ml of the test article to the conjunctival sac of one eye. The untreated contralateral eye of each rabbit served as a control. Treated and untreated eyes were examined and ocular irritation was scored according to the Draize method at 24, 48, and 72 hours and at 7 days after test article instillation.

The LR-430 caused severe ocular irritation in all rabbits following instillation. Ocular irritation was characterized by corneal opacity (grade 4) in all rabbits beginning at 24 hours and not changing on day 7, iritis in all rabbits (grade 2 in four rabbits and grade 1 in two rabbits), and conjunctival irritation (i.e., redness, chemosis and discharge, ranging in severity from 2 - 4) in all rabbits. All effects persisted through study termination (day 7).